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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

June 1, 2006

By U.S. Mail

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Re: Response to Patent Examiner's (Scott J. Sugarman) Review of Replacement Sheet  
Application No.: 10/035,461;  
Filing Date: 11/9/2001;  
Title of Invention: Signal Generation and Mixing Electronics for Frequency-  
Domain Lifetime and Spectral Fluorometry;  
First Named Inventor: Tommy Clay Cruce.

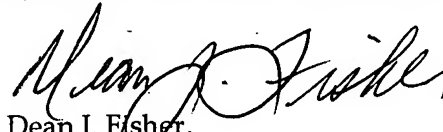
Dear Sir and/or Madame:

In response to the Patent Examiner's review of the Replacement Sheet for the amended Fig. 8 drawing with respect to the above-referenced patent re-issue application, I have enclosed a **Replacement Sheet** for the Drawing (indicated as Fig. 8 on such Drawing) which was previously amended by the applicant and which was made subject to the PTO's Office Action dated March 23, 2004.

Thank you for your attention to this matter. To this end, if you should have any questions or comments regarding this matter, please do not hesitate to contact me by telephone at (512) 479-7732 ext. 2180 or by email at [fisher@spec.com](mailto:fisher@spec.com). Also, please direct all correspondence regarding this matter to my attention at the address indicated in the letterhead of this letter.

Very truly yours,

*Systems & Processes Engineering Corporation*

  
Dean J. Fisher,  
Corporate Counsel

Enclosures: *Replacement Sheet*